

	Type	Hits	Search Text	DBs	Time Stamp
1	BRS	139	S1 and 'pump' and ('gate' or 'valve')	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:22
2	BRS	11	S2 and (('flood' and 'drain') or ('ebb' and 'flow'))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:21
3	IS&R	1046	((47/59R) or (47/60) or (47/62R) or (47/62C) or (47/62E) or (47/63) or (47/62N)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 11:33
4	IS&R	980	(47/48.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 11:34
5	BRS	867	S6 not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 11:47
6	IS&R	1166	((47/79) or (47/82)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 11:34
7	BRS	145	S5 and 'pump'	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 11:47
8	BRS	78	S7 and 'pump'	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 11:47
9	BRS	78	S9 not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 11:54
10	BRS	194	A01G031/06.ipc.	EPO; JPO; DERWENT	2004/12/13 12:14
11	BRS	190	S12 not S1	EPO; JPO; DERWENT	2004/12/13 11:54
12	BRS	1602	A01G031/02.ipc.	EPO; JPO; DERWENT	2004/12/13 12:20
13	BRS	6	S14 and (('flood' and 'drain') or ('ebb' and 'flow'))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:30
14	BRS	6	S14 and (('flood' and 'drain') or ('ebb' and 'flow'))	EPO; JPO; DERWENT	2004/12/13 12:15
15	BRS	33	S14 and 'pump' and ('gate' or 'valve')	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:17
16	BRS	5019	A01G031/00.ipc.	EPO; JPO; DERWENT	2004/12/13 12:20
17	BRS	9	S18 and (('flood' and 'drain') or ('ebb' and 'flow'))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:21
18	BRS	9	S18 and (('flood' and 'drain') or ('ebb' and 'flow'))	EPO; JPO; DERWENT	2004/12/13 12:21

	Type	Hits	Search Text	Dbs	Time Stamp
19	BRS	49	S18 and 'pump' and ('gate' or 'valve')	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:22
20	BRS	45	S21 not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:22
21	BRS	16	'hydroponic' and 'pump' and 'light' and (('flood' and 'drain') or ('ebb' and 'flow'))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/13 12:31
22	IS&R	12	((("5307589") or ("4255896") or ("4302906") or ("5337515") or ("5860247") or ("6219966") or ("6247268") or ("5385590") or ("4630394") or ("5146709") or ("5394647") or ("5887383"))).PN.	USPAT	2004/12/13 14:30
23	BRS	10	("4021964" "4211034" "4255896" "4279101" "4310990" "4533083" "4926585" "5252108" "5287652" "5394647").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:31
24	BRS	11	("4310990" "4399634" "4669217" "4976064" "5010686" "5067275" "5381626" "5385589" "5394647" "5557884" "5996280").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:32
25	BRS	7	("4016677" "4419842" "4447983" "4754571" "5056260" "5136804" "5394647").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:33

	Type	Hits	Search Text	Dbs	Time Stamp
26	BRS	29	("1297719" "2145052" "2306027" "2388179" "3127108" "3438383" "3900134" "4107875" "4170844" "4177604" "4189867" "4211037" "4245433" "4393890" "4527353" "4669217" "4780989" "5054233" "5067275" "5269094" "5394647" "5501037" "5502923").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:33
27	BRS	17	("2855725" "3352057" "3660933" "4059922" "4310990" "4584791" "4953322" "4965962" "4976064" "4986027" "5010686" "5067275" "5097627" "5168664" "5269094").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:35
28	BRS	8	("2306027" "3243919" "4149340" "4419842" "4676023" "5127366").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:36

	Type	Hits	Search Text	DBs	Time Stamp
29	BRS	46	("2062755" "2188875" "2241699" "2747331" "2940218" "2983076" "3131064" "3250606" "3300895" "3305968" "3352057" "3660933" "3766684" "3889415" "3892982" "3925926" "4004369" "4033072" "4057930" "4057933" "4107875" "4170844" "4177604" "4211034" "4245434" "4302906" "4324069" "4332105" "4334386" "4371995" "4447983" "4527353" "4603506" "4813176" "4951416").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:37
30	BRS	12	("3053011" "3159413" "3552058" "3660933" "3903644" "4045909" "4334386" "5007135" "5113618").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:40
31	BRS	12	("3053011" "3159413" "3552058" "3660933" "3903644" "4045909" "4334386" "5007135" "5113618").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:40
32	BRS	8	("2837868" "4255896" "4551943" "4608776" "4884364" "4899487" "4953363").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:40

	Type	Hits	Search Text	DBs	Time Stamp
33	BRS	17	("0460809" "10222616" "2278991" "2491271" "3365840" "3728254" "4185414" "4211034" "4255896" "4310990" "4324069").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:41
34	BRS	9	("2674828" "3468057" "3660933" "3768200" "3839198" "3955317" "4084346").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:42
35	BRS	18	("1222648" "2121461" "2971290" "3352057" "3365840" "3841023" "3973316" "4075785" "4083147" "4092803" "4106235" "4118891" "D243113").PN.	US-PGPUB; USPAT; USOCR	2004/12/13 14:43

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PLUS Search Results for S/N 10806764, Searched December 13, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5860247
5870854
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5826374
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4930253
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5010686	70
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5525505	70
5597731	70
6022742	64
6107085	64

10806764 CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10806764 on December 13, 2004

8	47/62R	(4 OR, 4 XR)
	Class 047 :	PLANT HUSBANDRY
	47/59R	WATER CULTURE, APPARATUS OR METHOD
	47/62R	.Nutrient recirculation system (e.g., hydroponic system)
7	47/59R	(3 OR, 4 XR)
	Class 047 :	PLANT HUSBANDRY
	47/59R	WATER CULTURE, APPARATUS OR METHOD
5	47/17	(1 OR, 4 XR)
	Class 047 :	PLANT HUSBANDRY
	47/17	GREENHOUSE, APPARATUS OR METHOD
4	47/60	(0 OR, 4 XR)
	Class 047 :	PLANT HUSBANDRY
	47/59R	WATER CULTURE, APPARATUS OR METHOD
	47/60	.Cultivating chamber
4	47/62E	(2 OR, 2 XR)
	Class 047 :	PLANT HUSBANDRY
	47/59R	WATER CULTURE, APPARATUS OR METHOD
	47/62R	.Nutrient recirculation system (e.g., hydroponic system)
	47/62E	..Ebb and Flow systems
4	47/64	(0 OR, 4 XR)
	Class 047 :	PLANT HUSBANDRY
	47/59R	WATER CULTURE, APPARATUS OR METHOD
	47/64	.Porous support
4	435/297.5	(0 OR, 4 XR)
	Class 435 :	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
	435/283.1	APPARATUS
	435/289.1	.Bioreactor
	435/297.1	..Including semipermeable membrane or filter
	435/297.5	...In combination with a dish, plate, or tray
3	47/62C	(1 OR, 2 XR)
	Class 047 :	PLANT HUSBANDRY
	47/59R	WATER CULTURE, APPARATUS OR METHOD

10806764 CLSTITLES

47/62R .Nutrient recirculation system (e.g.,
hydroponic system)

47/62C ..Channel

3 435/289.1 (0 OR, 3 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/283.1 APPARATUS
435/289.1 .Bioreactor

2 47/61 (0 OR, 2 XR)
Class 047 : PLANT HUSBANDRY
47/59R WATER CULTURE, APPARATUS OR METHOD
47/60 .Cultivating chamber
47/61 ..Seed germinator

2 47/63 (0 OR, 2 XR)
Class 047 : PLANT HUSBANDRY
47/59R WATER CULTURE, APPARATUS OR METHOD
47/63 .Individual support

2 47/65 (2 OR, 0 XR)
Class 047 : PLANT HUSBANDRY
47/65 DYNAMIC PLANT RECEPTACLE TRANSPORT, APPARATUS
OR METHOD

2 47/81 (0 OR, 2 XR)
Class 047 : PLANT HUSBANDRY
47/65.5 RECEPTACLE FOR GROWING MEDIUM
47/79 .Irrigator
47/81 ..Fibrous wick

2 435/284.1 (1 OR, 1 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/283.1 APPARATUS
435/284.1 .Differentiated tissue (e.g., organ) perfusion
or preservation apparatus

2 435/286.5 (0 OR, 2 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/283.1 APPARATUS
435/286.1 .Including condition or time responsive contro
means
435/286.5 ..Including liquid flow, level, or volume
control

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- 2 435/294.1 (0 OR, 2 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS
 435/289.1 .Bioreactor
 435/294.1 ..Vessels or trays in series
- 2 435/297.1 (1 OR, 1 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS
 435/289.1 .Bioreactor
 435/297.1 ..Including semipermeable membrane or filter
- 2 435/299.1 (1 OR, 1 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS
 435/289.1 .Bioreactor
 435/299.1 ..Including solid extended fluid contact
 reaction surface
- 2 435/303.1 (0 OR, 2 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS
 435/289.1 .Bioreactor
 435/303.1 ..Incubator
- 2 435/304.2 (1 OR, 1 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS
 435/289.1 .Bioreactor
 435/304.1 ..Bottle, tube, jar, or flask
 435/304.2 ...Including multiple internal compartments fo
 baffles
- 2 435/809 (0 OR, 2 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/809 INCUBATORS OR RACKS OR HOLDERS FOR CULTURE
 PLATES OR CONTAINERS

10806764_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10806764 on December 13, 2004

Original Classifications

4 47/62R
3 47/59R
2 47/62E
2 47/65

Cross-Reference Classifications

4 47/17
4 47/59R
4 47/60
4 47/62R
4 47/64
4 435/297.5
3 435/289.1
2 47/61
2 47/62C
2 47/62E
2 47/63
2 47/81
2 435/286.5
2 435/294.1
2 435/303.1
2 435/809

Combined Classifications

8 47/62R
7 47/59R
5 47/17
4 47/60
4 47/62E
4 47/64
4 435/297.5
3 47/62C
3 435/289.1
2 47/61
2 47/63
2 47/65
2 47/81
2 435/284.1
2 435/286.5
2 435/294.1
2 435/297.1
2 435/299.1
2 435/303.1

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2 435/304.2
2 435/809